

UNIVERSITY OF TENNESSEE  
COLLEGE OF VETERINARY MEDICINE  
ADMISSIONS GUIDE



*Educating*  
a NEW GENERATION  
of VETERINARIANS

**UTCVM**  
INSTITUTE OF AGRICULTURE  
THE UNIVERSITY OF TENNESSEE



# HEALING ANIMALS and so much *more!*



## KNOWLEDGE

Doctor of Veterinary Medicine (DVM) Degree  
Master of Public Health (MPH) Degree  
Internships & Residencies  
Graduate & Dual Degree Programs  
Continuing Education



## COMPASSION

Community Outreach Programs  
Shelter Medicine  
Veterinary Medical Center  
Veterinary Social Work



## DISCOVERY

Research  
Diagnostic Laboratories  
Center of Excellence (COE) in Livestock Diseases & Human Health  
COE Summer Student Research Program

These words form the **driving framework**

for **OUR EVERYDAY MISSION.**

The University of Tennessee College of Veterinary Medicine (UTCVM) is one of only 33 accredited veterinary colleges in the United States. We educate professional and graduate students in the art and science of veterinary medicine and related biomedical sciences, provide exceptional veterinary healthcare for all species, and advance scientific research to benefit our world.

## YOU CAN BE A *Veterinarian*

**Veterinarians make a difference every day. Veterinary medicine offers opportunities to work with animals, people, and the environment.**

### Typical Careers Include

- Private practice – small, large, exotic, or mixed animals
- Shelter medicine
- Corporate veterinary medicine
- Biomedical research
- Local or national government – biosecurity, regulatory medicine, food inspection and safety, or research
- Agriculture – animal health
- Zoo/Conservation/Wildlife
- Military – biomedical research, food safety, or care for working dogs
- Academic practice – teaching and research
- Public & global health
- Work with nonprofit organizations

While the selection process is rigorous, UTCVM looks for well-rounded individuals who are more than just a GPA. Animal experiences, leadership in clubs and organizations, volunteer positions, research projects, community involvement, and other talents may provide the right combination of skills that make a successful veterinary student and veterinarian.

**EDUCATIONAL  
PROGRAMS**







# VETERINARY SCHOOL PREPARATION Checklist

## High School

- ☐ **Study hard** – focus especially on math and science classes. If available, take Advanced Placement (AP) courses.
- ☐ **Spend time with animals** – consider volunteer or internship programs at veterinary clinics, animal shelters, farms, or zoos, or through experience with Scouts, 4-H, or FFA programs.
- ☐ **Find a professional** – seek information or advice about the profession from local veterinarians who may be willing to serve as mentors.
- ☐ **Explore what's out there** – attend college health profession fairs, then start combing the internet for veterinary colleges that might interest you, and perhaps even visit a campus to see what it's like. Some veterinary colleges, like UTCVM, provide summer programs for high school students to gain veterinary experience ([tiny.utk.edu/VSEP](http://tiny.utk.edu/VSEP)).

## College

- ☐ **Meet with your advisor often** – your advisor can help make sure you're staying on track toward your goals.
- ☐ **Complete prerequisite coursework** – begin taking prerequisite courses early in your collegiate career - biology, chemistry, physics, etc. Don't wait until the last semester of college to take all your most difficult classes. Doing so can reflect poorly on your vet school application and can skew your final GPA. Visit college websites or the VMSAR (Veterinary Medical School Admission Requirements) for lists of prerequisite courses. ([applytovetschool.org](http://applytovetschool.org))
- ☐ **Use your summers** – find relevant employment, animal internships or volunteer opportunities to participate in during the summer.
- ☐ **Work on research projects** – find opportunities to participate in student research projects or assist professors with research.
- ☐ **Join a club** – if your school has a pre-veterinary club, join it and take leadership roles to expand your experience.

- ☐ **Develop communication skills** – good communication skills are necessary for veterinarians as they work with owners of animals. Consider coursework or extracurricular activities designed to improve your communication skills. It may also help during the interview process.
- ☐ **Visit vet schools** – start thinking of which veterinary colleges you would like to apply to and plan visits to learn more about their admissions process. Visit the American Association of Veterinary Medical Colleges (AAVMC) to compare programs ([aavmc.org](http://aavmc.org))
- ☐ **Explore careers** – learn more about the variety of careers that you can pursue with a degree in veterinary medicine.
- ☐ **Request recommendation letters** – find people to write meaningful letters of recommendation for you – veterinarians are preferred, but you may consider supervisors from your animal experiences and professors who know you well. You will need 3-5 recommendation letters.
- ☐ **Start the application process** – visit [aavmc.org](http://aavmc.org) to learn more about the process and start your application as well as the supplemental application for the colleges for which you plan to apply. These are usually due the year before you start veterinary school, typically by mid-September.
- ☐ **Interview** – the selection process is lengthy, including academic scoring and application reviews. Applicants selected for interviews at UTCVM currently take place in October for Tennessee residents and in January for nonresidents.
- ☐ **Accept admission offers** - If you are offered admission to a veterinary college, you have until April 15th (or the following Monday if the 15th falls on a weekend) to notify the college that you accept their offer. Then, it will be time to start your future in veterinary medicine!
- ☐ **What if I don't get in?** - Be patient, sometimes it takes two or three years to get a spot in the competitive veterinary class. Members of our team are available to review your past applications and offer suggestions for enhancing your profile. Although recruitment and admissions personnel cannot make any guarantees about future admissions cycles, they can help you plan additional applications or alternative pathways.



# DVM ADMISSION REQUIREMENTS FOR UTCVM

A candidate for the UTCVM DVM program must have completed the minimum course requirements listed below by the spring term prior to the time of enrollment. Prerequisite courses may be completed at any accredited college or university offering courses equivalent to those at the University of Tennessee, Knoxville. Applicants are strongly encouraged to take additional biological and physical science courses, especially comparative anatomy, mammalian physiology, microbiology, and statistics. Completion of pre-veterinary course requirements alone does not guarantee acceptance.

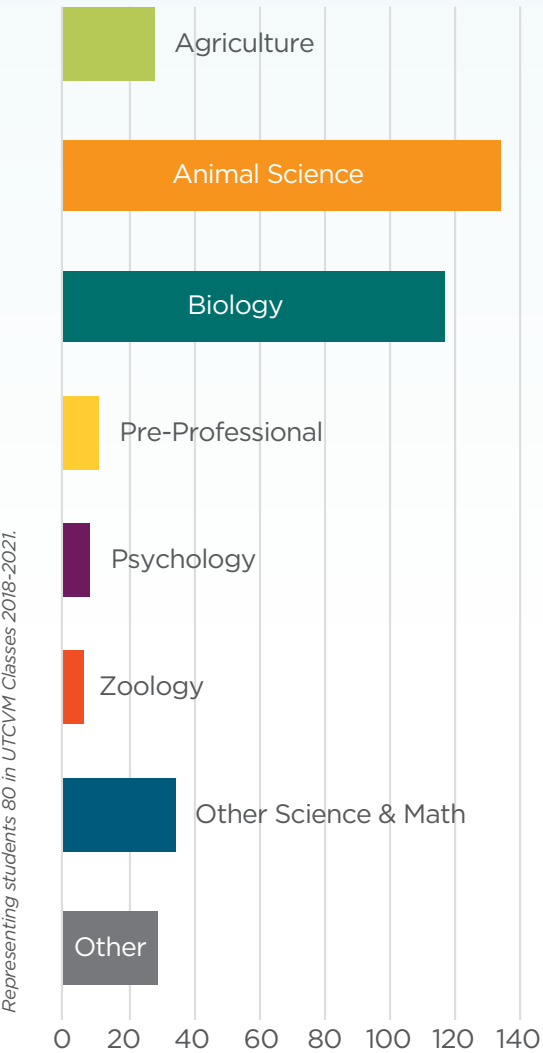
## Prerequisite Coursework

English composition	6
Humanities / social sciences	18
General chemistry with lab	8
Organic chemistry with lab	8
Biochemistry, exclusive of lab*	4
Physics with lab	8
General biology / zoology with lab	8
Cellular biology	3
Genetics	3
<b>Total semester hour credits</b>	<b>66</b>

Prerequisite courses must be completed by the end of the spring term prior to enrollment. **All prerequisite courses must be completed with a grade of C or better.**

*\* This should be a complete upper-division course in general cellular and comparative biochemistry. Half of a two-semester sequence will not satisfy this requirement. The biochemistry course requirement must have been satisfactorily completed within five years of the time you wish to enter our program.*

## UNDERGRADUATE MAJORS



## Admissions Procedure

The University welcomes applications for admission from the United States and all other countries. Language requirements and other international student requirements can be found at [gradschool.utk.edu/admissions/applying-to-graduate-school/admissions-for-international-students](http://gradschool.utk.edu/admissions/applying-to-graduate-school/admissions-for-international-students). All applicants must use the Veterinary Medical College Application Service (VMCAS). VMCAS is a centralized application service that provides for the collection, processing, verification, and distribution of applicant data to participating colleges. VMCAS is not involved in the admissions decisions; the decisions are the prerogative of the UT College of Veterinary Medicine.

UTCVM's selection process consists of evaluations of academic scores, reviews of each applicant's file, and interviews of selected applicants. Interviews are conducted in October for Tennessee residents and in January for out-of-state residents. Complete details about the current admission requirements and procedures are available at [tiny.utk.edu/vetmedadmissions](http://tiny.utk.edu/vetmedadmissions). While priority is given to qualified Tennessee residents, a limited number of highly qualified non-resident applicants will be admitted each year.

## GPA

For applications to be considered, non-Tennessee resident applicants must have a minimum cumulative GPA of 3.20 on a 4.00 scale, and Tennessee resident applicants must have a minimum cumulative GPA of 2.80 on a 4.00 scale.

## Disadvantaged/Hardship Statement (Optional)

If applicants are below the academic benchmark, applications with valid disadvantages/hardships will be reviewed to assess if further evaluation is appropriate based on conditions of hardship. Examples of hardships include, but are not limited to:

- Economic limitations
- Educational disadvantages
- Cultural background
- Discrimination based on race, religion, gender, etc.
- Physical disabilities
- Family challenges
- Other mitigating circumstances



Additional Requirements & Considerations

- Animal/veterinary experience
- Recommendations/evaluations
- Extracurricular and/or community service activities
- Leadership skills
- Personal statement/essay
- Knowledge of the veterinary profession
- Evidence of logical preparation for a veterinary career
- Communication skills

Admission Timetable

- September 15th: application deadline (by 11:59pm EDT)
- October-December: Interview notifications
- October-January: interviews held
- Early December to Early February: offers of admission made
- April 15: applicant's response required
- August: first-year orientation and classes begin

Dates subject to change. Check [vetmed.tennessee.edu/admissions/dvm/timetable/](http://vetmed.tennessee.edu/admissions/dvm/timetable/) for most up to date info.

SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY
APPLICATION DEADLINE TN RESIDENT INTERVIEW NOTIFICATION	TN RESIDENT INTERVIEWS		OUT-OF-STATE INTERVIEW NOTIFICATION	OUT-OF-STATE INTERVIEWS	ADMISSION OFFERS MADE
MARCH	APRIL	MAY	JUNE	JULY	AUGUST
	APPLICANT'S RESPONSE DEADLINE				CLASSES BEGIN

I knew UTCVM would be the perfect place for me because the entire staff cares so deeply for us to become the best next generation of veterinarians. My experience so far has been one to remember. I can't wait to see what my future holds within the next few years at UTCVM.

Serenity Byars  
Class of 2026

1 OF ONLY 33 FULLY ACCREDITED VETERINARY COLLEGES IN THE UNITED STATES

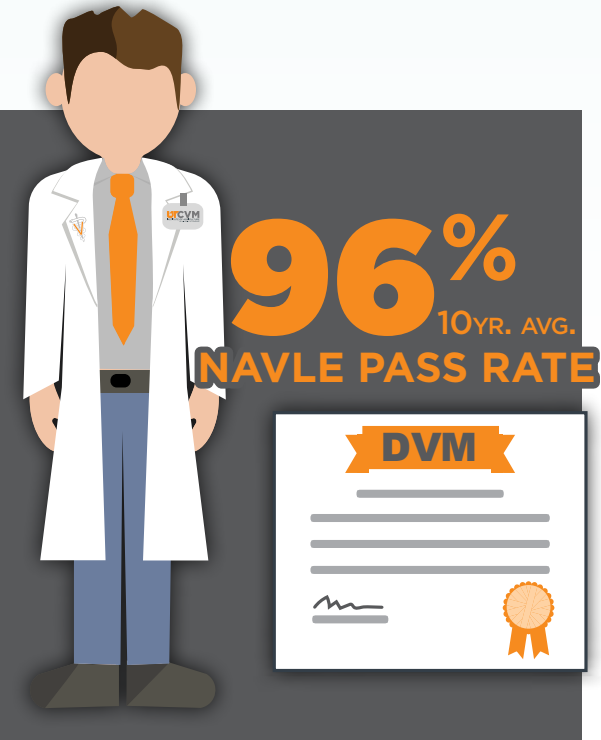
1974 COLLEGE ESTABLISHED  
CLASSES STARTED IN 1976  
4-YEAR CURRICULUM (9 SEMESTERS)

1,320 DVM STUDENT APPLICATIONS  
100 TARGET NO. OF STUDENTS PER CLASS  
2,754 TOTAL GRADUATED VETERINARIANS

101 FACULTY 289 STAFF

400 DVM STUDENTS 56 GRADUATE STUDENTS

Data as of March 2025



Teaching is JOB ONE at UTCVM.

We teach the science and art of veterinary medicine, serve as a resource for referring veterinarians, provide compassionate healthcare, and make discoveries that advance the health and wellbeing of animals and people. Our people touch multiple lives every day.

The UTCVM Veterinary Medical Center, the service component of the college, includes the John & Ann Tickle Small Animal Hospital; the Avian, Exotic Animal and Zoological Medicine Hospital; the Charles & Julie Wharton Large Animal Hospital; the Equine Hospital; the Equine Performance & Rehabilitation Center; and the Diagnostic Laboratory Services. The veterinary medical center is a world-class veterinary healthcare facility dedicated to compassionate patient care and education. Our doctors and professional staff, experienced in a broad range of medical and surgical specialties, serve as an essential resource for primary care veterinarians and their clients throughout the world. The wide variety of complex diseases and injuries treated at our veterinary medical center not only allows us to elevate the standard of care, but also ensures our students are exposed to the breadth of veterinary medicine and advanced diagnostics that are necessary to create the next generation of talented veterinary professionals.

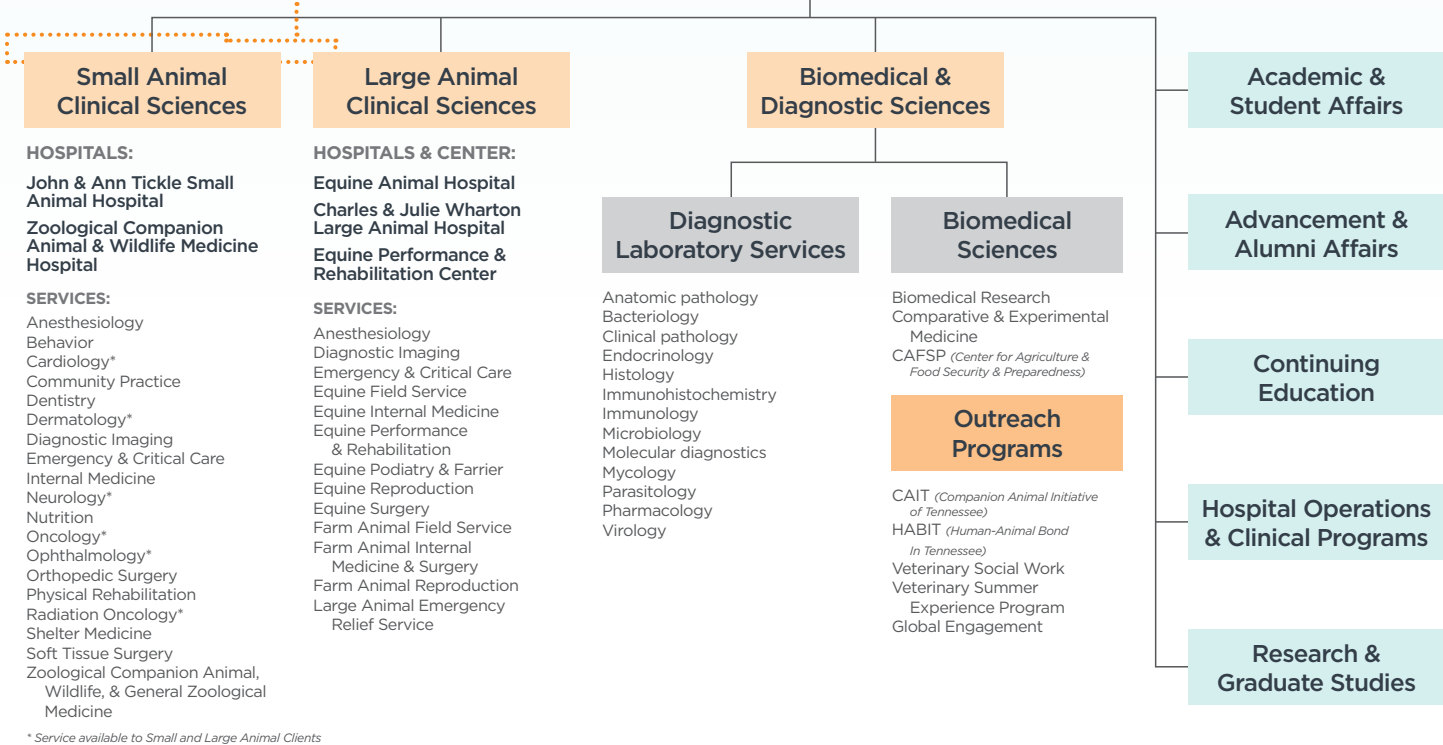
Under the supervision of our internationally recognized experts, veterinary students become the veterinarians of tomorrow, and residents and interns learn specialty skills to advance the profession. The process of evaluating an animal's case in a teaching environment allows clients to take



advantage of many talented team members who study the animal's condition in detail to provide the best healthcare.

Our team of board-certified specialists (veterinarians who have completed specialized training in their field and who have successfully passed stringent certifying examinations), residents (veterinarians training to become specialists), interns (veterinarians in a one-year program to receive broad-based clinical exposure), clinical-year veterinary students, and licensed veterinary technicians are dedicated to working together to provide the best possible medical care for animals.

UTCVM VETERINARY MEDICAL CENTER



# Common QUESTIONS



## 1. When can I apply for veterinary school and how should I prepare?

You can apply the year prior to expected entry, if all prerequisites will be complete before entry. You can start preparing for your journey to become a veterinarian while in high school. You will need to do well in chemistry, physics, biology, mathematics, and English. There are many courses you have to take in college before meeting the requirements to apply for veterinary school. Most applicants have completed an undergraduate degree and acquired significant exposure to veterinary medicine and to different species of animals.

## 2. How do I gain the necessary experience?

Job shadowing employment, research and volunteering are excellent ways to gain experience in the field of veterinary medicine. At UTCVM, we encourage you to gain varied animal experience, both with and without veterinarians. It is important to log the time you spend gaining experience. Make sure to note the hours, the species involved, the veterinarians you worked/volunteered with, and any unique opportunities.

## 3. Do I have to be a pre-veterinary medicine major?

No, but you must complete the prerequisite coursework. While the majority of our students have majored in animal science or biology, others have completed varied degrees such as music, accounting, chemistry, and engineering. See the list of prerequisite coursework at [tiny.utk.edu/UTCVMPrerequisiteCoursework](https://tiny.utk.edu/UTCVMPrerequisiteCoursework).

## 4. Do I need to get my undergraduate degree from the same school as my veterinary medicine degree?

No, but your undergraduate coursework must be from an accredited institution.

## 5. Do I have to study all animal species?

Yes. At UTCVM, you will learn to treat many species of animals, including dogs, cats, cows, horses, pigs, sheep, birds, exotic pets, wildlife, etc. Through electives, you will also have the opportunity to focus on your specific areas of interest.

## 6. What specialties are available in veterinary medicine?

Many specialties exist, such as cardiology, ophthalmology, surgery, and avian/zoological medicine. For a complete list of the 41 recognized veterinary specialties, visit [www.avma.org/public/YourVet/Pages/veterinary-specialists.aspx](https://www.avma.org/public/YourVet/Pages/veterinary-specialists.aspx).

## 7. How long does it take to finish veterinary school?

In the United States, it takes 4 years. The first 2.5 years are traditional fall and spring semesters of classroom work, laboratories, and clinical exposure. The last 1.5 years are spent in clinical rotations. If you decide to enroll in a dual DVM-PhD, DVM-MPH, or DVM-MS degree program, it may take more than 4 years.

## 8. How much does veterinary school cost?

The cost varies by university. You can check UTCVM's current tuition, fees, financial aid, and scholarship information at [tiny.utk.edu/vetmedadmissions](https://tiny.utk.edu/vetmedadmissions).

“**Being raised in northeast Tennessee, I had always dreamed of being a Vol. When I was accepted to my in-state vet school just a few hours from home, it was an easy decision. Starting school at UT, I found a community that felt like family where I was able to build relationships that will last beyond vet school. The faculty members are excited to help us learn and work to mentor us into veterinarians. I'm currently planning on working in mixed animal medicine and I really like the diverse caseload in the hospital that will help prepare me to work with both large and small animals.**”

Matilda Tate  
Class of 2025



# Academic AFFAIRS

The University of Tennessee, founded in 1794, is one of the oldest educational institutions in the country. The College of Veterinary Medicine, established in 1974, is located in Knoxville on the Institute of Agriculture Campus along the Tennessee River. The modern Clyde M. York Veterinary Medicine Building houses teaching and research facilities, the Veterinary Medical Center, and the Agriculture-Veterinary Medicine Library.

The Office of Academic and Student Affairs provides central oversight and facilitation of the DVM program, from recruitment and admissions to graduation. We work with the faculty, an Advisory Board, veterinary practitioners and other stakeholders to continually improve the curriculum and overall program to meet professional needs. Our goal is to graduate not only competent practitioners but talented biomedical scientists who are nimble problem-solvers, excellent communicators and conflict navigators who are eager to serve as leaders in the profession and community.

If that sounds like a tall order, it is! Our learning environment, curriculum and extra-curricular components are designed to foster self-awareness, teamwork and sound thinking skills. UTCVM graduates, alumni and employers report that these interpersonal skills are very important for practice success and that UTCVM graduates excel in these areas.

The Academic and Student Affairs group includes team members who are focused on recruitment, admissions, student engagement and wellbeing, health and safety, preclinical operations and courses, clinical placements, and outcomes assessment. Students serve alongside administrative staff and faculty on important committees in the college and the university to share their voices and collaborate on program improvement. The Office of Academic Affairs coordinates and communicates committee initiatives and other work to build a strong relationship with students and to foster community spirit.



“**All of the current students and graduates are a part of a big family. In school, my classmates and the upper classmen help each other out. The doctors that I've worked with that have graduated from UTCVM have always guided me through this journey. If you're considering going to UT for vet school I would strongly advise it because we're all a family and we're here to help each other out.**”

Jesus Guevara-Hernandez  
Class of 2026



## STUDENT SUPPORT

The Academic and Student Affairs team continues to grow to meet changing student needs. We provide admissions information and consultation, scheduling and registration of courses and electives, study skills and tutoring, clinical placement scheduling and employment connections. We also work with faculty to improve their teaching and assessment methods.

Instructors at UTCVM are approachable and care deeply about veterinary students and veterinary education. Incoming veterinary students are assigned a faculty mentor and a “Big Sib” from the second- year class. We provide a few opportunities to help these pairs get together and count on them for advice throughout the program.

### Other areas of student support include:

- Communication skills development with expert facilitators
- Career services with extensive resources for externships and employment, including an annual job fair
- Counseling and mental health service, in-house and referral
- UT Knoxville amenities including recreation services, gym, student health service and athletics





# Student LIFE at UTCVM.

## FACILITIES

The **Clyde M. York Veterinary Medicine Building** on the agricultural campus houses the Departments of Biomedical and Diagnostic Services, Large Animal Clinical Sciences, and Small Animal Clinical Sciences.

The **Teaching & Learning Center (TLC)** creates a welcoming environment that enhances the educational experiences for students using innovation, technology, and flexibility. The TLC includes the Ann and John Tickle Lecture Hall, simulation laboratory and modern wet laboratory. The simulation laboratory is an innovative teaching tool that offers UTCVM students the opportunity to become proficient and confident in performing technical skills before and during their clinical years in a safe, risk-free, and low-stress environment before working on live animals. Both small and large animal models are available for practicing many procedures including blood sampling from veins, the placement of catheters, as well as models for practicing surgical suture placement and tying surgical knots.

The Veterinary Medical Center and the **Webster C. Pendergrass Agriculture and Veterinary Medicine Library** are also located within the building. The College has research, teaching and clinical facilities on **Cherokee Farm** adjacent to the UT Medical Center at Knoxville.

## STUDY ABROAD

UTCVM organizes a number of study abroad experiences for veterinary students. Planned programs include elective courses for academic credit, research experience, externships, and university exchange opportunities.

**STUDY  
ABROAD  
PROGRAMS**



## OUTREACH AND GLOBAL ENGAGEMENT

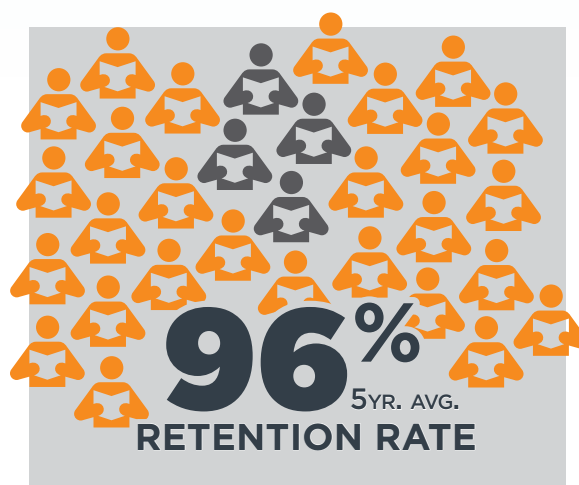
At The UTCVM Office of Outreach and Global Engagement, our mission is to empower the next generation of veterinary professionals by creating a global impact in animal health management and medicine. We provide a multitude of opportunities for veterinary students, staff, and faculty to engage with diverse cultures and unique learning experiences through our network of partner institutions and organizations around the world. We believe that fostering international collaborations and experiences can enhance the educational journey of veterinary students by broadening their perspectives and contributing to advancements in veterinary medicine worldwide.

## STUDENT ACTIVITIES

Each year the college admits a new class of about 100 first-year veterinary students. The veterinary school calendar is full and varied. Students spend much of their time in scheduled classes, laboratory activities and clinical skills practice each week. The pace of the veterinary school curriculum picks up from the outset so students use adaptive study skills and good time management skills to keep up. Key skills include being able to scan and read material effectively, learning to annotate and organize notes and diagrams for reference, and being able to adapt learning and study methods for a variety of content. Most courses provide practice questions or quizzes – you can't cram for tests in veterinary school!

Veterinary students work hard at their studies, but there is room for fun too! Starting with orientation and welcoming activities, students become close to their classmates and upperclassmen, forming bonds that are often life long! Each class selects a group of leaders to serve as an executive board and to lead committee work for class events and governance. Additionally, many clubs and organizations are available to foster niche interest areas, literally from A – Z and including birds and bees! Clubs are housed under the Student chapter of the American Veterinary Medical Association, a national organization that links veterinary students together from all over the world. Clubs promote speakers, wet labs and service opportunities throughout the academic year. The college and university also arrange student events, town halls and wellness activities.

**UTCVM  
STUDENT  
CLUBS &  
ORGANIZATIONS**





# Large Animal

## CLINICAL SCIENCES



The mission of Large Animal Clinical Sciences is to advance the practice of veterinary medicine and surgery by the promotion of scholarly activity, education, and maintenance of animal health. Our goal is to achieve distinction while sustaining balance in teaching, service, and research.

Large Animal Clinical Sciences provides referral service, routine care, emergency care, and herd disease outbreak investigations for horse and livestock owners, treating nearly 16,000 animals each year. The faculty, specialists in their field, are dedicated to providing the most progressive care for large animals, continuing education for the community and practicing veterinarians, and advancing discovery to serve the citizens of Tennessee and beyond. In fact, the Equine Hospital is a national leader in regenerative medicine for horses, caring for patients from around the world.

The college is home to top-of-the-line Charles & Julie Wharton Large Animal and Equine Hospitals and a 30,000 sq. ft. Equine Performance and Rehabilitation Center that includes a full-size arena, in-ground water treadmill, podiatry center, salt water spa, and a free-walker. These facilities provide advanced technology for the diagnosis, treatment, and rehabilitation of horses and livestock, enabling the college to continue to serve our patients with the highest level of care.

Even though the hospitals primarily treat horses and cattle, they also routinely provide care for a wide variety of species, including sheep, goats, pigs (commercial and pet pigs), South American camelids (llamas, alpacas), and other large animals. An on-site Certified Journeyman Farrier, skilled in routine and corrective farriery as well as advanced podiatry, works closely with our equine surgeons. All of the college's services are fully staffed with teams of senior faculty, residents, interns, students, and veterinary technicians with access to state-of-the-art facilities to serve the needs of our patients and clients.

During a typical appointment, a fourth-year student works with the faculty, veterinary technicians, residents and/or interns to gather information about the patient's medical history and perform a physical examination. The student and the supervising veterinarian then review this information and discuss their findings with the client. Our faculty supervise every step of an animal's treatment and care.



### Services and Expertise

Housed within the Equine and Farm Animal hospitals are the tools and resources our experts use to protect and advance animal health.

- Ambulatory equine and farm animal field services
- Anesthesiology & acupuncture
- Cardiology
- Dermatology
- Emergency and critical care medicine
- Gastroenterology
- Hyperbaric oxygen therapy
- Internal medicine
- Journeyman farrier and podiatry expertise
- Neonatology
- Ophthalmology
- Orthopedic and soft tissue surgery
- Regenerative medicine
- Reproductive medicine
- Sports performance and rehabilitation medicine

LARGE ANIMAL  
CLINICAL  
SCIENCES



### Facility Resources

Our facility offers many specialized features to provide the highest quality of care for our patients.

- Equine Performance and Rehabilitation Center, with a lameness diagnostic center, event-sized arena, in-ground underwater treadmill, free walker, cold salt water therapy spa, solarium, podiatry, and farrier facility
- John & Ann Tickle Diagnostic Imaging Center with spiral computed tomography, magnetic resonance imaging, nuclear scintigraphy, digital radiography, and ultrasonography
- Dedicated Intensive Care Unit with shared mare and neonatal foal stalls
- Orthopedic, standing, soft tissue, and colic surgical theaters
- Extensive biosecurity and contagious disease isolation containment facilities
- Dedicated wards for horses, sheep, pigs and goats, llamas and alpacas, and cattle
- Farm animal outpatient working facility, inpatient treatment facility, rehabilitation suite with dedicated down-cow stalls and hydro-flotation units, standing and general surgery theaters, and intensive care capabilities
- Ambulatory Field Service units, including four fully-equipped mobile hospitals for farm animals and horses on the farm care





# Small Animal

## CLINICAL SCIENCES



The mission of Small Animal Clinical Sciences is to provide exceptional and compassionate medical and surgical care for companion animals. Our goal is to promote excellence in veterinary education, service, and research.

Caring for companion animals is our passion and expertise, and as such we hold ourselves to a higher standard. Each year, our board-certified specialists at the John & Ann Tickle Small Animal Hospital diagnose and treat more than 18,000 dogs and cats. The majority of appointments are by referral only. In addition to referrals, the Avian, Exotic Animal, and Zoological Medicine Hospital provides primary care, serving 4,500 patients annually. The hospitals' services are fully staffed with teams of senior faculty, residents, interns, students, and veterinary technicians with access to state-of-the-art facilities to serve the needs of our patients and clients.



During a typical appointment, a fourth-year student gathers information about the patient's medical history and performs a physical examination. The student reviews the information with a supervising veterinarian who then joins the student to complete the examination process. Our faculty supervise every step of an animal's treatment and care.

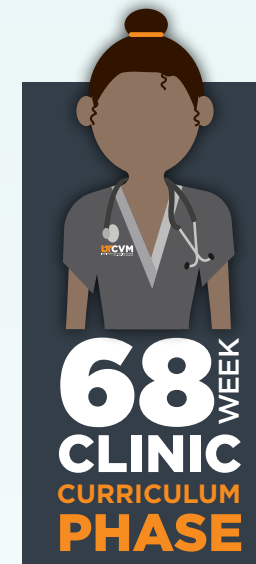
The John & Ann Tickle Small Animal Hospital is a **Level II Emergency and Critical Care facility** with the resources and specialty training necessary to provide sophisticated acute patient care, 24 hours per day, 7 days per week.



### Services and Expertise

Housed within the John & Ann Tickle Small Animal Hospital and the Avian, Exotic Animal, & Zoological Medicine Hospital are the tools and resources our experts use to protect and advance animal health.

- Anesthesiology
- Behavior medicine
- Cardiology
- Community Practice – primary care medicine
- Comprehensive diagnostic imaging
- Interventional radiology
- Dermatology
- Emergency and critical care medicine
- Gastroenterology
- General Zoological medicine
- Internal medicine
- Medical and surgical oncology
- Medical and surgical neurology
- Minimally invasive surgery
- Nutrition
- Ophthalmology
- Orthopedic and soft tissue surgery
- Physical rehabilitation and sports medicine
- Regenerative medicine
- Shelter medicine
- Urology/nephrology
- Zoological Companion Animal and Wildlife Medicine & Surgery

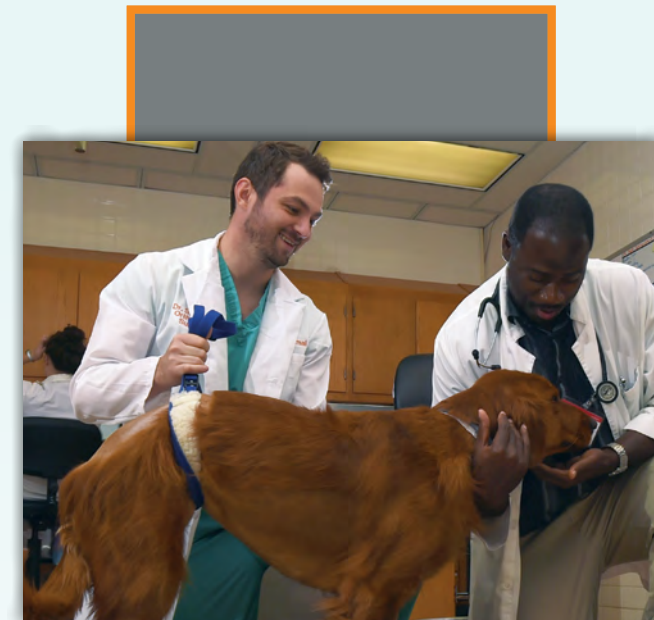


### Facility Resources

Our facility offers many specialized features to provide the highest quality of care for our patients.

- Aquatic and Physical Rehabilitation Center with a therapy pool, underwater treadmills, and an agility room
- The Aslan Intensive Care Unit (**Level II Emergency and Critical Care facility**) with direct access to emergency triage
- Anesthesia and surgery preparation suite, plus seven surgical theaters
- Biosecurity and contagious disease isolation facilities
- Nestlé-Purina Nutrition Center
- Dedicated medical and surgical wards
- Medical oncology and radiation therapy facilities, including linear accelerator, brachytherapy, and nuclear medicine
- Dedicated cardiology, dermatology, endoscopy, minimal invasive surgery, primary care, and ophthalmology suites
- John & Ann Tickle Diagnostic Imaging Center with 1.5-Tesla magnetic resonance imaging (MRI) and 40-slice computed tomography (CT) multi-detector scanner
- Specialized Zoological Companion Animal, wildlife and zoological medicine treatment rooms and surgery wards

SMALL ANIMAL  
HOSPITAL  
CLINICAL  
SCIENCES





# Biomedical AND Diagnostic SCIENCES & SUPPORT PROGRAMS



The Department of Biomedical & Diagnostic Sciences prepares students for the diversity of careers in veterinary medicine. Faculty and staff engage in and promote discovery and graduate training in veterinary medicine and public health and also provide comprehensive diagnostic services for clients around the world. The department conducts outreach activities that encourage and enhance the health of animals, humans, and their shared environment.

The Department of Biomedical & Diagnostic Sciences encompasses Biomedical Sciences and Research, Diagnostic Service Laboratories, and Veterinary Public Health & Outreach.

These sections represent diversity and unity in the teaching, service, and discovery aspects of veterinary medicine. Our blend of disciplines provides continuity in the education and application of veterinary medicine.

## Research

We research solutions to problems that affect animals, humans and the environment. Our faculty, staff, and students contribute to the process of discovery through a wide range of interests from the laboratory to the clinic. Our studies impact

not only veterinary medicine but also the public health needs of the state and nation by exploring the interactions between animals, the environment, and people. Among other focuses, our scientists perform research on cancer and infectious diseases at the cellular level, as well as conduct clinical research. Professional, graduate, and undergraduate students are often included in these research efforts and are authors on scientific publications. Our well-respected faculty serve as editors for scientific journals, share their knowledge and findings at national and international scientific conferences, and are funded by organizations, such as the National Institutes of Health, Department of Defense, and Morris Animal Foundation.

## Diagnostic Laboratories

The UTCVM Diagnostic Laboratories support the services within the veterinary medical center, veterinarians from regional referral centers, and clients from around the world. The laboratories provide an exceptional range of immediate services, including leading expertise in:

- Anatomic pathology
- Bacteriology
- Clinical pathology
- Endocrinology
- Histology
- Immunology
- Microbiology
- Molecular diagnostics
- Mycology
- Parasitology
- Pharmacology
- Virology

BIOMEDICAL &  
DIAGNOSTIC  
SCIENCES



Our diagnostic laboratories provide vital medical diagnostic and supporting services to veterinarians to ensure the health of their patients. Experienced personnel in our laboratories engage and support the college's sponsored research activities.

## Research AND Graduate PROGRAMS

### Center of Excellence (COE) in Livestock Diseases & Human Health

The Center of Excellence was launched in 1984 and has developed successful programs to improve understanding, treatment, and prevention of livestock and human diseases. Programs focus predominantly on approaches to infectious diseases, tissue regeneration, host defense, molecular genetics, and carcinogenesis through cellular and in vivo research.

Since its inception, the center has developed investigative areas in animal models and comparative medicine and mechanisms of disease, pathogenesis, and immunity. Innovative, sophisticated, and contemporary developments have played critical and unique roles within UTCVM, as well as the Institute of Agriculture (UTIA).

These areas of research often overlap to address problems in animals, people, and the environment and embody the "One Health" concept.

### COE Summer Student Research Program

To foster interest in careers in biomedical research and enhance appreciation for scientific investigation, inquiry, and the acquisition of new knowledge, the center helps provide opportunities for veterinary students to perform research at UTIA.

Each summer, about 20 students participate in laboratory and field research and attend professional development seminars. Near the end of the 10-week program, students present their research findings to their colleagues, faculty, and staff. Since 2008, COE students have authored more than 60 peer-reviewed research articles.







# COMMUNITY *Outreach* & SUPPORT PROGRAMS

Along with our commitment to animals, their owners, and referring veterinarians, the college strives to provide excellence in public education and community outreach. Outreach programs engage all ages of citizens and their animals in learning programs that explore the human-animal bond and promote wellbeing.



## Companion Animal Initiative of Tennessee (CAIT)

Every day in Tennessee, hundreds of cats or dogs are euthanized because there are not enough loving homes to accommodate the seemingly endless supply of kittens and puppies in the state. CAIT is working to change that. This program engages our veterinary students in community and global spay/neuter activities and exposes them to the problem of pet overpopulation. CAIT doesn't stop there, but also arms students with solutions they can put into practice when they move into other communities as veterinarians. A Shelter Medicine curriculum has been developed to show our students

the realities of shelter medicine and the problems faced by sick, abandoned, homeless, and mistreated animals. The Mobile Spay/Neuter Clinic allows us to partner with animal shelters and clinics in the community to reduce the surplus of unwanted animals in Tennessee.



## HABIT

### Human-Animal Bond In Tennessee (HABIT)

HABIT is a group of human and animal volunteers working to serve the community by promoting the valuable bond between people and animals. Originally founded in 1986 to help communities deal with life's stresses, HABIT has been used as a model for successful animal-assisted therapy programs throughout the United States. In Tennessee, our volunteer teams visit area schools, nursing homes, cancer treatment centers, adult day programs, veteran centers, and most hospitals. Our volunteer teams change the lives of people from pre-k to hospice care.



## Mobile Spay & NEUTER Clinic

AVG. **20** MOBILE SURGERIES PER STUDENT



LEARN MORE  
ABOUT OUR  
COMMUNITY  
OUTREACH  
PROGRAMS



## Center for Veterinary Social Work (CVSW)

The vision of the Center for Veterinary Social Work is to attend to the welfare of all species through excellence in global interprofessional practice. To achieve this vision, the CVSW has a four-part mission:

- To lead and deliver innovative interprofessional education and training.
- To employ access to care strategies that provide direct services to enhance welfare and wellbeing for humans and animals.
- To facilitate connections and collaborative opportunities among social and animal scientists, as well as human and animal welfare professionals and teams.
- To create and disseminate adaptive, participatory, and transdisciplinary (APT) research and scholarship.



## Veterinary Social Work SERVICES

The CVSW is active in veterinary student education, providing well-being and communication training throughout the curriculum, as well as clinical support for students on the hospital floor during their clinic experience. Veterinary Social Work Services, the clinical branch of the CVSW, provides emotional support to UTCVM students, faculty, and staff, as well as clients of the UT Veterinary Medical Center and community members. Services include individual sessions as well as support groups.



## Open House

Every spring, thousands of people from the community visit the UTCVM Open House. Organized by the students, this behind-the-scenes veterinary medicine experience features special activities, including a teddy bear clinic, canine parade of breeds, equine parade of breeds, farm animal breeds, information about wildlife and exotic animals, and more.

## Veterinary Summer Experience Program (VSEP)

### Veterinary Summer EXPERIENCE PROGRAM

The Veterinary Summer Experience Program provides valuable opportunities for high school students interested in veterinary medicine, while simultaneously generating a pool of potential veterinary students. We designed the program to provide educational experiences and acquaint students with all facets of our exciting profession. Students to work in a local veterinary practice in their hometown for six weeks and then spend one week in Knoxville as guests of the veterinary college. While here, they are involved in various educational programs, including lectures, laboratories, and clinical rotations.

## SOME OF OUR PARTNERSHIPS INCLUDE





Knoxville is ranked in  
**TOP 40**  
of MOST FUN Cities in the U.S.  
by WalletHub.com, 2023

# Why #KnoxRocks

Knoxville is the big town with little attitude. With a sophisticated mix of culture and cuisine, served up with genuine hospitality, **Knoxville will surprise you.**

- More than **112 miles of greenway** loops and paths for walking, running, and biking
- Nine TVA reservoir lakes throughout the region, offering a broad spectrum of **water-related recreational opportunities**
- Urban Wilderness boasts more than 1,000 forested acres along downtown's south waterfront, offering more than 50 miles of multi-use trails, 10 parks, four civil war sites, incredible views, and **unparalleled natural features.**
- **No. 1 City for Pets** in America (2020)
- Many **arts and cultural opportunities**, including the Knoxville Museum of Art, the Knoxville Symphony Orchestra, Knoxville Opera, and the Historic Tennessee Theatre just to name a few
- In addition to the **nationally ranked NCAA athletic programs** at the University of Tennessee, Knoxville also offers sports fans a **minor-league hockey team**, and a **minor-league baseball team** located just over 20 miles to the east

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RESOURCES**



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